UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/706,297	11/03/2000	Theron Tock	DANAP003	6720

			EXAMINER
22434	7590	01/22/2004	QURESHI, SHABANA

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ART UNIT	PAPER NUMBER
2155	

DATE MAILED: 01/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

		Application No.		Applicant(s)	
Office Action Summary		09/706,297		TOCK ET AL.	
		Examiner		**Art Unit**	
		Shabana Qureshi		2155	

-- The MAILING DATE of this c mmunication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>03 November 2000</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-21</u> is/are pending in the application.

     4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-21</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>03 November 2000</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.

     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a)☐ All b)☐ Some * c)☐ None of:

         1.☐ Certified copies of the priority documents have been received.

         2.☐ Certified copies of the priority documents have been received in Application No. _____.

         3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

     * See the attached detailed Office action for a list of the certified copies not received.

13)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

     a) ☐ The translation of the foreign language provisional application has been received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

DETAILED ACTION

Information Disclosure Statement

The information disclosure statement (IDS) submitted on 09 October 2003, 19 August

2003, and 08 July 2003 was received. The submission is in compliance with the provisions of 37

CFR 1.97. Accordingly, the information disclosure statement is being considered by the

examiner.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

Claims 1-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Barrett et al[1].

As per claims 1, 10, 16, 17, 20, and 21, Barrett et al teach a method for modifying a

markup language document to facilitate s access to other resources residing on remote servers

through an intermediate server, the method comprising:

- receiving the markup language document, the markup language document having at least

    a script portion including at least one link to another resource (page 510, column 1, lines

    22-45; page 512, column 1, lines 42-44; Figure 1; Figure 5B, Table 1);

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[1] Barrett et al, "Intermediaries: new places for producing and manipulating Web content", Computer Networks and
ISDN Systems, North Holland Publishing. Amsterdam, NL, vol. 30, no. 1-7, 01 April 1998, pages 509-518.

- locating hostnames of Universal Resource Locators (URLs) constructed or to be
  constructed within the script portion of the particular HTML document (figure 3 and
  associated description; Table 1); and

- modifying the at least one link within a script portion of the markup language document
  to link to the intermediary server (page 510, column 1, lines 22-45; page 512, column 1,
  lines 42-44; Figure 1; Figure 5B, Table 1).

Barrett et al do not explicitly state that hostnames of URLs are located within the document.
However, the "Request Editor" described by Barrett et al in Table 1 "redirects the request to a
new URL". It would have been obvious to one of ordinary skill in the art at the time the
invention was made that while redirecting a URL, a hostname should be located within the web
document in order to redirect the URLs to the intermediary server.

As per claim 2, Barrett et al teach the method as recited in claim 1, wherein the markup
language document is being requested by a client,

wherein the receiving and the modifying are performed at the intermediary server (page
510, column 1, lines 22-45; page 512, column 1, lines 42-44; Figure 1; Figure 5B, Table 1), and

wherein the method further comprises:

- delivering the markup language document to the client after the modifying (page 510,
  column 1, lines 22-45; page 512, column 1, lines 42-44; Figure 1; Figure 5B, Table 1).

As per claims 3, Barrett et al teach the method as recited in claim 1, wherein the markup
language document is a HTML document (page 512, column 1, lines 17-30; page 514, column 1,
lines 1-5).

As per claims 4 and 11, Barrett et al teach the method as recited in claim 1, wherein the modifying comprises:

- scanning the markup language document to locate the script portion (page 512, column 1, lines 17-30);

- searching the script portion to locate a hostname (page 512, column 1, lines 17-30);

- producing a replacement hostname for the located hostname (page 512, column 1, lines 17-30); and

- replacing the replacement hostname for the located hostname (page 512, column 1, lines 17-30).

As per claim 5, Barrett et al teach the method as recited in claim 4, wherein the located hostname is associated with the remote servers, and the replacement hostname is associated with the intermediary server (abstract).

As per claim 6, Barrett et al teach the method as recited in claim 5, wherein the located hostname is part of the link (Table 1).

As per claim 7, Barrett et al teach the method as recited in claim 6, wherein the link is a Universal to Resource Locator for the another resource (Table 1).

As per claim 8, Barrett et al teach the method as recited in claim 5, wherein the markup language document is a HTML document (page 512, column 1, lines 17-30; page 514, column 1, lines 1-5).

As per claim 9, Barrett et al teach the method as recited in claim 1, wherein the hostname is associated with the remote servers (Table 1).

As per claim 11, Barrett et al teach the method as recited in claim 10, wherein the modifying comprises:

- scanning the markup language document to locate the script portion (page 512, column 1, lines 17-30);

- searching the script portion to locate a predetermined function or property statement (page 512, column 1, lines 17-30); and

- replacing the predetermined function or property statement with a function call (page 512, column 1, lines 17-30; page 514, column 2, lines 26-48).
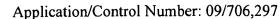
As per claim 12, Barrett et al teach the method as recited in claim 11, wherein the markup language document is a HTML document (page 512, column 1, lines 17-30; page 514, column 1, lines 1-5).

As per claim 13, Barrett et al teach the method as recited in claim 11, wherein the predetermined function or to property statement pertains to setting or getting a cookie (page 513, columns 1 and 2, section 3.3.1).

As per claim 14, Barrett et al teach the method as recited in claim 11, wherein the predetermined function or property statement pertains to initiating a request (Table 1).

As per claim 15, Barrett et al teach the method as recited in claim 11, wherein the predetermined function or property statement that returns a Universal Resource Locator (Table 1).

As per claim 18, Barrett et al teach the method as recited in claim 17, wherein the predetermined function or property statement pertains to setting or getting a cookie (page 513, columns 1 and 2, section 3.3.1).

As per claim 19, Barrett et al teach the method as recited in claim 17, wherein the

predetermined function or property statement pertains to initiating a request (Table 1).

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Shabana Qureshi whose telephone number is (703) 308-6118.

The examiner can normally be reached on Monday - Friday, 8:30am to 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Hosain T. Alam can be reached on (703) 308-6662. The fax phone number for the

organization where this application or proceeding is assigned is (703) 746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (703) 305-3900.

Shabana Qureshi
Examiner
Art Unit 2155

12 January 2004

HOSAIN ALAM
SUPERVISORY PATENT EXAMINER